

Subject: INFORMATION: Definition of Terms Used in FAR 25.1439

Date: Feb 26, 1985

From: Leroy A. Keith  
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Reply to Attn QUAM  
of: FTS: 466-  
2134

TO: H. E. Waterman  
Manager, Seattle Aircraft Certification Office, ANM-100S

Your letter of November 21, 1984, requested the intended meaning of the words "isolated separate compartment," as used in FAR 25.1439. We have reviewed the available background information to FAR 25.1439 and did not find a specific definition of those words. The preamble to the Notice 75-10, item 2-91, reads: "The proposal would require protective breathing equipment for crewmembers expected in isolated areas." Item 2-91 was based on the First Biennial Airworthiness Review of 1974-1975, proposal No. 812 which reads: "(a) ... Protective breathing equipment must be installed for each required crewmember in isolated separate compartments, such as upper or lower lobe galleys, in which occupancy is permitted during flight."

Based on the intent of the background quoted above, we conclude the following: The crew rest area, not being part of the main cabin, is similar in location to a lower lobe galley and, therefore, is an isolated separate compartment. However, as crewmembers are not required in the crew rest area except to fight a fire, only sufficient protective breathing equipment need be provided in the crew rest area for that function.

We also agree with your conclusions relative to the crew lavatory. As long as it is located next to the flight deck door and there is little chance that a crewmember may be isolated there, as by a fire, then the lavatory need not be considered isolated.

In addition to FAR 25.1439, other sections pertaining to oxygen equipment of Part 25 apply as well.